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Vols. 1801, and *Poesios Asiat. Com.* 8°, 1774, presented by S. F. Bradford. Thanks ordered to Dr. Lettsom, Mr. Leslie and Saml. F. Bradford.

Committee on Papers for Transactions Vol. VI; Coxe and Seybert.

Leslie's proposal accepted. Legeaux, Patterson and Leslie to report on the best method and expense of furnishing the city with true time.

1801. *Dec. 18.* (Patterson; Woodhouse, Currie, James, Coxe, Collin, Wistar, Vaughan, Leslie, J. B. Smith, W. Barton.)

Committee on papers reported partially; continued.

Committee for fixing a meridian, and furnishing true time to the city, reported that it would not cost more than \$50; report adopted; Patterson, Leslie, Latrobe, a Committee to carry it into effect.

No papers for Magellanic Premium. Secretaries to advertise terms.

Dr. Collin had sent a copy of *Transactions American Philosophical Society*, Vol. IV, to each of the Societies at Stockholm and Upsal, by Ship *Verlsborgare*; "ordered that they be replaced by the Society, & in case those sent should be lost, Dr. Collin renders himself responsible to replace them."

"Monthly recapitulation of Met. Obs." at the Natches, for the year 1800, with remarks calculated to give some idea of the climate there," by Wm. Dunbar, "of the Natches," in a letter from Jefferson; referred to Patterson and Woodhouse.

Patterson's and Ellicott's Observation on the Lunar Eclipse of September, 1801; referred to Clay and Latrobe.

1802. *Jan. 1.* *Between 2 and 5 p. m.* (Parke, Woodhouse, Coxe, Seybert, Collin, Vaughan, Patterson, J. B. Smith, Leslie, Williams, Peale, Hewson.)

Peale, Vaughan, Collin, Judges ; Patterson, Parke, Secretaries.

ELECTION OF OFFICERS.

*President*—Thos. Jefferson.

*Vice-Presidents*—Patterson, Wistar, B. S. Barton.

*Secretaries*—Clay, Coxe, James, Seybert.

*Councillors*—Woodhouse, Blakely [*sic*], Latrobe, Duffield.

*Curators*—Peale, J. R. Smith, Leslie.

*Treasurer*—Vaughan.

1802. *Jan. 15.* (Patterson ; Latrobe, J. B. Smith, Peale, Leslie ; Drs. Parke, Duffield, Woodhouse, Bollman, James, Hewson, Collin, Barton, Coxe, Seybert.)

Certificate of Election, read and approved.

“Longitude of Lancaster,” by Ellicott, referred to Patterson and Latrobe.

“Epreuves de Canons,” by L. Tousard ; Dr. Bollman requested to translate the memoir.

“Constitution of Logarithms,” by Mr. Garnett, referred to Patterson and Ellicott.

Donations: Barnwell’s Phys. Investigations ; Collections for an Essay towards a Mat. Med. U. S., Part I. Concise View of the facts concerning Vaccine. Thanks ordered.

Committee of enquiry on Vol. of Transactions in press, Woodhouse and James.

Election of five new members : Thos. Cooper, Northumberland ; Jarvis Roebuck, M.D., St. Croix ; Wm. Barnwell, M.D., Philadelphia ; Wm. Roxburgh, M.D., Calcutta ; Chev. Don Carlos Martinez de Yrujo, Min. from Court of Spain.

1802. *Feby 5.* (Patterson ; Barton, Wistar, J. B. Smith, Latrobe.)

Committee reported Ellicott’s paper on the Longitude of Lancaster ought to be published.



MEETING ROOM. AMERICAN PHILOSOPHICAL SOCIETY. NORTH-WEST VIEW.

1802. *Feb'y 19.* (J. B. Smith, Patterson, Woodhouse, Peale.)

Mr. C. W. Peale's Museum having so much increased, and "from the measures he had taken will probably become so much more numerous, as to render the advantageous display of them in the Hall of the Society no longer practicable ;"

"*Resolved*, That this Society, regretting that the small extent of their rooms has rendered the grant of the Senate necessary, cordially recommend to the house of Representatives to add their approbation to the vote of the Senate, as they consider, that the museum may be the foundation of an institution highly serviceable to Science & honorable to the State in which it has arisen."

"*Resolved* That this Resolution be signed by the V. P. . . . & a copy furnished to Mr. Peale."

1802. *March 5.* (Patterson ; Latrobe, Leslie, Peale, Brown, Hewson, Coxe.)

Mr. Rembrandt Peale's request to be permitted to make casts or copies of the Bones of the Magalonix, was agreed to.

1802. *March 19.* (Barton ; Caldwell, Brown, Roebuck, Barnwell, Coxe, Peale, Vaughan, Legaux, Leslie, Patterson.)

Donations: Adam's Defence of the American Constitutions, with a letter from J. Adams (his son); Flora Batava, Nos. 1, 2, 3, with letter from Minister Pol. Econ. Batav. Republick, promising continuation and asking exchanges. Thanks ordered; consideration of exchange postponed. Printed bill of Mortality for Portsmouth, New Hampshire.

On the Occultation of the three stars in the Pleiades, in a letter from A. Ellicott, Lancaster, February 13, referred to Patterson.

Rembrandt Peale's request to be permitted to carry sundry bones to Europe; postponed.

"On Ventilating Ships" (for the premium) signed "Jolly Tar" ("*vide Minutes 19 Dec. 1800*").

Acknowledgment of Transactions I, II, III, IV from Mas-

sachusetts Historical Society, and envoy letter of exchange ordered.

Jefferson acknowledges his election.

Transactions Vols. I and III ordered for A. A. and S., Boston, with Vol. IV, ordered July 19, 1799.

Mr. Leslie requested to procure "Press to take the impression of the Seal of the Society."

Committee on Transactions V, in the hands of Mr. Dobson (January 15th); Vaughan substituted for Woodhouse.

Committee on Transactions VI (December 18th); Patterson added; Committees holding papers to be notified to report.

1802. *April 2.* (Patterson; Caldwell, Duffield, Barton, Roebuck, Hewson, Seybert, Peale, Vaughan, Williams.)

Committee on Transactions V, reported that the plates would be ready in May, and Mr. Dobson able to go on with the work.

Ellicott's "Occultation" reported worthy of publication; adopted.

Schultz's "Temperaments" reported unworthy of publication; adopted.

Donations: Russell's Modern and Ancient Europe, 7 Vols.; Ruiz's Spanish Treatise on the Peruvian Bark tree, and Unanne's Spanish Dissertation on the Cocoa plant. Thanks ordered to W. Y. Birch, Abr. Small and Ross Campbell.

A plan of Mussel Shoals, Tennessee. Mr. Vaughan appointed to obtain from Dr. Sam. Brown, of Lexington, some further account of it for publication.

Set of Transactions ordered sent to Haarlem Society.

R. Peale's request for bones postponed to some future period.

Indian Idol (presented by Jefferson) loaned to Dr. Barton (on receipt and promise to return) to make a drawing of the same.\*

\* Returned Dec. 3, 1802.

1802. *April 16.* Patterson; Vaughan, Leslie, Peale, Wistar, Coxe, Hewson, Barton, Collin, Barnwell, Seybert, Blackwell.)

Map of St. Bartholomew's from Dr. Fahlberg; referred to Mr. Vaughan.

Resolutions of New York Agricultural Society referred to Wistar and Vaughan.

“On Ventilating Ships by manual labor;” no signature; referred to Committee on Premium.

Dunbar's Meteorological Observations, 1800, and Remarks for 1801 reported worthy of publication; accepted.

“Mr. Leslie was requested to repair such parts of the Time Piece . . . . as may be necessary to put it in good order.”

“Plan of the City of Washington, presented by the late Genl. Washington to the Earl of Buchan & by him bequeathed to the A. P. S. was received. Thanks to be returned.”

Donation: Parkinson's Chemical Pocket Book, from Jas. Humphreys. Thanks ordered.

1802. *May 7.* (Magaw; Vaughan, J. B. Smith, Leslie, Latrobe, Peale, Patterson, Barton, James, Coxe, Hewson, Seybert.)

“On the Hybernation of Swallows,” by the late Col. Antes; referred to Dr. Coxe.

“On Wildenow's ‘Bartonia,’ ” Dr. Barton; referred to Latrobe and Hamilton.

Colored drawings of the Rattlesnake, exhibited by Dr. Barton, who intends “to draw up a description of the same.”

Committee on Resolutions of the New York Agricultural Society continued.

Communication concerning Longitude from D. Griffith, referred to Patterson and Latrobe.

Donations: Trans. Hist. S. Mass. 7 Vols. bound in 5, and Catalogue of Books; Cat. Cambridge Library, Mass. from

Francis Dana; Herbelot's Oriental Dict. 1776, and Supplement, 1780; Aikin's Desc. Manchester, 4°, 1795; Du Halde's China, 2 Vols. Fol. 1738, 1741; Jacob's Students Chem. Pocket Companion. Thanks ordered.

Peale's request to be permitted to leave part of his Museum in the American Philosophical Society Hall, while the rest went to the State House, was agreed to.

Treasurer reported he had bought Smith's Invention, and Barry's Maniere de bonifier les mauvaises eaux abord les Vaisseaux. Approved.

Committee to Collect and arrange papers reported worthy of publication since the arrangement of Vol. V; to get reports from outstanding Committees; and to treat with Booksellers, and "report conditional contracts;" Patterson, Latrobe, J. B. Smith, Hewson.

1802. *May 21.* (Patterson; Vaughan, Leslie, Peale, Seybert, J. B. Smith.)

Vol. V would be ready for delivery next week.

Donations: Repertory of the Arts, 12 Vols. to 1800, from Mr. Robert Leslie; Mackenzie's Voyages, 2 Vols. 8°, Philadelphia, from the publisher, Jno. Morgan. Thanks ordered.

Treasurer to reclaim Maseres Scriptores Logarithmici, Vols I, II, wrongly delivered to the University; the Baron has sent to the American Philosophical Society, Vol. III, "in continuation."

Seeds of the Sago Tree, of the eatable Canarie Tree, of the Oil Canarie Tree, were deposited in the cabinet; and some were sent to Wm. Hamilton at the Woodlands, Philadelphia, and to General Pinkney, South Carolina, for cultivation.

A motion was made to permit members to take out books, on obligation to return them at the next meeting, under penalty of \$1.00 for every fortnightly delay, and double the value of the book (or set) if lost. Consideration postponed.

1802. *June 18.* (Wistar; Peale, Vaughan, Patterson, Leslie, Wheeler, Coxe, Seybert.)

Cranium of a Bison? found by Uriah Hardesty in the bed of a creek, six miles below Licking creek mouth, two or three miles from the Ohio river, and twelve or fourteen north of Big bone; presented, with letter from Mr. John Brown, of Columbia, Boon county, Kentucky, on condition that it remain in the same room with the Mammoth.

Exchange: *Trans. Bat. S.* First Series complete and Vols. I, II, 2d Ser. with letter; thanks ordered, and *Trans. A. P. S.* Vol. V. (Order covers transmission of Vol. V. to all other corresponding Societies, of list of June 19, 1799.)

Committee on Vol. VI, requested to report soon.

Committee on Griffith's "Longitude" discharged.

Col. Ante's "Hybernation of Swallows" reported worthy of publication.

Donations: *Forsyth's Fruit Trees*; *Proud's Hist. Penna.*, 2 Vols., 8°. Thanks ordered to Jno. Morgan and Robt. Proud.

Rembrandt Peale purposing to embark for Europe to exhibit the Mammoth lately found in New York, asked permission to take a cast of the fragment of skull and "core of the left horn of some unknown animal of enormous size, lately found in the bed of a creek near the Ohio . . ." Granted.

#### Library:

"Resolved that any Resident Member . . . may, on application to the Society, but not otherwise, be allowed to take out any Book . . . on giving an obligation to return the same uninjured in one month, subject to a fine of half a dollar for every stated meeting . . . after that term; or, if not returned or replaced in six months, to a penalty of double the value of the book; or if part of a set, to double the value of the whole set . . . & all the money . . . appropriated to the purchase of books . . ."

"Resolved, That the Treasurer be requested to prepare & have printed 500 copies of a Catalogue of . . ."

"Resolved, That the Curators be requested to put the Lens in good order & have the Globes varnished with Spt. Varnish & properly covered."

"Mr. Vaughan is requested to procure a suitable book with blank obligations . . ."

1802. *July 16.* (McKean; De Yrujo, De Ferrer, Coxe, Caldwell, Seybert, Patterson, Clay, Leslie, J. B. Smith, J. R. Smith, Peale, Vaughan.)

Description and model of a Solar Compass, by Jas. Hall, of North Carolina, with “a request that if found likely to be useful, the Patent Right might remain vested in him;” referred to Clay and Ferrer.

An answer to a request for information from the Batavian Society as to improvements in Steam engines in America, to be drafted by Latrobe, Patterson and Leslie, after consulting the Vol. of Proc. Bat. Soc. which treats of Steam engines.

Election of nine new members: P. B. Olsen, Minister and Consul General to United States; Letombe, late Consul General from French Republic; W. S. Jacobs, M.D., Philadelphia; Ph. R. Roume, Member French National Institute; Drs. James Mease; Philip Syng Physick; and John Church, of Philadelphia; Chev. Dr. Valentine de Foronda, Consul General of His Catholic Majesty to United States America; John Garnett, of Brunswick, New Jersey.

1802. *Aug. 20.* (Peale, Mease, Vaughan.)

Letter from Bleeker Olson [sic] “complimentary on his election and correcting his titles.”

Donations: Grégoire’s *Apologie de Las Casas*, with a letter from M. Giraud, Boston, July 2. Priestley’s *Exp. and Observations on Air*, Vol. III, 1786; and his *Comparison of the Institutions of Moses with those of the Hindoos*, Northd. 8°, 1799.

Blank Obligation Book, \$5.37½, reported by Mr. Vaughan; with his purchase of Michaux’s *Hist. des Chenes del’Amerique*, Fol. with plates, Paris, 1801, proof impressions, from the author’s son, for \$10.

“On account of the Sickness prevalent in Philadelphia,\* no meeting was held in September, nor on the first of October.”

1802. *Sept. 17.* No meeting.\*

\* Yellow fever.

1802. *Oct. 1.* No meeting.

1802. *Oct. 15.* (Seybert, Jacobs, Mease, Coxe, Vaughan, Peale.)

Nou. Mem. Ac. R. S. and B. L. Berlin, IV, with acknowledgments of Transactions American Philosophical Society, Vols. I, II, III, IV, and desire for further correspondence. Freight, &c., \$3.26. Ordered to be bound.

Donations: J. R. Coxe on Vaccination; Ackerman's new water-proof process; Baron de Hupsch's Des Machines et Remèdes, 1780; His Relation Bib. publique, 1792; Hist. . . . Verdienste des . . . . von Hupsch, 1799; his Syn. Tabellen, 1797; and his Patriolische Vorschläge, 1776.

1802. *Nov. 5.* (Patterson; Vaughan, Peale, Legeaux, Wistar, Seybert, Barton, Shippen, Mease, Jacobs, Coxe, Woodhouse, Barnwell, Caldwell, James.)

“On a new mode of observing the Eclipses of Jupiter's Satellites &c.” by M. C. Groves, in a letter from Jefferson; referred to Patterson.

Letter from Dr. Barton to Mr. la Cepede [*sic*] read.

Letter from Baron de Hupsch, translated, read.

Acknowledgments of receipt of four Vols. Transactions American Philosophical Society from Royal and Antiquarian Societies, Edinburgh.

Letter from Jno. Brand, Secretary S. Antiq., London, with 12 Vols. of the *Archæologia*.

Letter from John Dalton, Secretary L. & P. S., Manchester, with Transactions, Vols. IV, V, and Dalton's Meteorological Observations; acknowledging Transactions American Philosophical Society, IV, V, Mutual Completion of both sets to be corresponded for.

Donation: W. Barton's Dissertation on Freedom of Navigation.

Dr. Coxe to reply to Baron de Hupsch.

1802. *Nov. 18\* [sic].* (Wistar; J. B. Smith, Vaughan, Peale, Patterson, Leslie, Barton, Seybert, Mease, Coxe, Church, Jacobs, Shippen, Barnwell, Woodhouse, James.)

Acknowledgment of Vol. V, from Secretary Royal Institute, Great Britain.

Improved Electrifying Machine described in a letter from Weeden and Jones.

First attempt to describe our native Vines, by W. Bartram, of Kingsess; referred to Barton and Mease.

Specification of *Cassia Chamaecrista* from the Eastern Shore of Virginia (described in Transactions American Philosophical Society, III), presented by Dr. Wistar.

“M<sup>r</sup>. Patterson reported on the Paper of M<sup>r</sup>. Grove.”

Nouv. Mem. de l’Acad. R. S. B. L., for 1786, 1788–’9, 1790, i, 1797, reported received by Mr. Vaughan.

Hall’s Solar Compass: Committee reported “that whatever ingenuity may be shown in the invention, the Com. cannot consider the communication worthy of a place in the Transactions.”

Specimen “of Rock Salt, from the Missouri, where it is in large quantities on the surface of the Earth,” presented to Dr. Barton by Dr. Watkins. Also specimens calcined earth in which were embedded marine shells . . . .

Donations: Rittenhouse’s Oration, 1775.

Committee to inquire if T. P. Smith had bequeathed his Papers and Minerals to the Society, with power to act: J. R. Smith and Vaughan.

1802. *Dec. 3.* (Patterson; Vaughan, J. B. Smith, Peale, Leslie; Wistar, Barton, Seybert, Woodhouse, Mease, Hewson, Barnwell, Caldwell, Currie, Jacobs, James.)

Committee on Smith’s bequest continued.

Vaughan described the Premiums offered by the Ec. S. Valentia, 1802.

Caldwell reported the return of the Electrical Machine.

\* Qy. Nov. 19, as previous meeting had been Nov. 5 and subsequent one was held Dec. 3.

Bartram's Paper on Native Vines reported well worthy of publication in the Transactions.

"Dr. Barton informed the Society that Mr. Jos. Sansom had brought from Paris a Bust of Dr. Franklin which he was inclined to present to the Society if they thought proper to give it a place in their Collection. The Secretary is desired to inform Mr. Sansom that his intended Donation will be thankfully received."

Donations: Laws of College of New Jersey, 1802; Medal struck by Congress in Commemoration of the surrender of Burgoyne, from Dr. Barton; Treasurer to procure a box to keep this and other medals of the Society; Box of Shells from J. G. Armenteros, Manilla, December 22, 1801, with letter to Jefferson; Barton, Seybert, Woodhouse and Peale, to arrange, number, catalogue and place the shells.

Figure of Indian Woman\* returned by Dr. Barton.

First Nos. of Flor. Bat. loaned to Dr. Barton for one month.

Electrical Machine loaned to Dr. Woodhouse.

Committee to report the best tests for ascertaining the purity of the atmosphere: Seybert and Woodhouse.

1802. *Dec. 17.* (Patterson; Magaw, Vaughan, Peale, Leslie, Barton, Wistar, Seybert, Woodhouse, Church, Hewson, Mease, Barnhill, Jacobs, James.)

Ventilating ships at sea; "Simplicity" offered for the Premium.

Committee on premium papers offered before April, 1802; Patterson, Mease, Vaughan.

Committee on papers for next Vol. granted more time.

Committee on printing Catalogue, continued.

Mr. Sansom would send the bust of Franklin to the care of Mr. Peale.

Specimen of Ware formed from Lancaster County clay, presented.

\* Borrowed April 2, 1802.

No papers for Magellanic Premium; advertisement ordered.

Auditing Committee: Wistar and Hewson.

Public notice of Annual Election ordered.

New Rat with cheek-pouches from the Indian countries of the Northwest, killed in 1798; drawing exhibited by Dr. Barton. Also, specimens of *Tinea granella*, an insect which has, this year, in many places, proved destructive to the grain of wheat.

1803. Jan'y 7. Between 2 and 5 P. M. (Patterson, Collin, C. W. Peale, Williams, J. B. Smith, Vaughan, Barton, Woodhouse, Mease, Coxe, Caldwell, Jacobs, Duffield, Church, James.)

Williams, Peale, Collin, Judges; Vaughan, Woodhouse, Secretaries.

#### ELECTION OF OFFICERS.

*President*—Thos. Jefferson.

*Vice-Presidents*—Patterson, Wistar, Barton.

*Secretaries*—Seybert, I. R. Coxe, James, Hewson.

*Councillors*—Williams, Ellicott, Magaw, Collin.

*Councillor for two years*—Tench Coxe.

*Curators*—C. W. Peale, Rob. Leslie, W. S. Jacobs.

*Treasurer*—Vaughan.

1803. Jan'y 21. (Patterson; Duponceau, Peale, J. B. Smith, Williams, Vaughan, Latrobe, Hewson, Woodhouse, Collin, Barnwell, James, Mease, Barton, Seybert.

On the Submersion of Swallows, by R. Dunbar, of Winchester, Virginia, read and referred to Mr. Williams.

Astronomical Observations by Ellicott; observations on the Natural History of the Illinois on the Mississippi, in a letter from Jno. Watkins to Dr. Barton, was read.

Demonstration of the Theorem of finding the Sum of the powers of the sines by Mr. Rittenhouse in Transactions American Philosophical Society, III, No. 20, by N. Bowditch, of Salem, Massachusetts, was read.